

STEREO MOC Status Report
Time Period: 2009:285 - 2009:291

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 286, the DSS 54 support was terminated two hours early to assist the MESSENGER mission with safe mode recovery operations. This resulted in the loss of 13.4 hours of SSR data.
- On day 288, during the DSS 25 support, the transmitter tripped off-line four times beginning at 1340z. The transmitter was re-calibrated each time and was stable by 1544z. This resulted in the loss of 48 minutes of commanding service and tracking data and the loss of 25 minutes of SSR data for all instruments. See DR# G109767 for more information.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 288, the 25th momentum dump was successfully executed at 1700Z, which imparted a delta V of 0.0836 m/sec.
- The average daily SSR playback volume for Ahead was 5.3 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 291, during the DSS 26 support, the transmitter power output was limited to a 10 kW output, which was sufficient to close the RF link at that time. See DR# G109769 for more information.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Behind was 5.9 Gbits during this week.